3.4.2 Mechanical properties of matter

	Learning	outcomes	Additional guidance
		should be able to demonstrate and eir knowledge and understanding of:	
(a)		ension (or compression) graph; work rea under graph	M3.1
(b)	elastic potential energy; $E = \frac{1}{2}Fx$; $E = \frac{1}{2}kx^2$		M0.5, M3.12
(7) S -	Use technique	extension graphs of different materials es to investigate the force extension graph of a ation for elastic potential energy	ı strawberry lace
	Lesson 3	3. EPE	0:00:00
A	a) a rubbe	R: sketch the force / extension curve for: er band hene strip.	
	1611 - 403		
	Kilo 10 ³		
		Ex 1 - Explain how the graph demonstrated deformation that occur	ates the types of
		Ex 1 - Explain how the graph demonstrated deformation that occur	ates the types of
1	Mega 10	deformation that occur	
force F	Mega 10	deformation that occur	





